

**Storm Water Fund
Projects Summary Forms
FY 2003 through FY 2007**

City of Norfolk, Virginia

Capital Improvement Program

FY2003 through FY2007

Title: Neighborhood Flood Reduction Project

Policy Area:

Storm Water

General Plan:

Environmental Planning

Caring Community

Account Number:

CP 35 X01

Customers Served by CIP Project:

Residential and

Commercial Users

Object & Project Description:

The City's CIP objective for this project is to improve the City of Norfolk's storm water infrastructure systems.

This program addresses miscellaneous drainage system improvements, repairs, rehabilitation, and drainage studies in neighborhoods throughout the City. The proposed FY03 funding provides the means to address several neighborhood drainage problems. In addition, the project funds the City's storm water system slip-lining program. The use of slip-lining, a process where a flexible pipe is inserted into an existing underground pipe, is a cost effective means of repairing and rehabilitating aging drainage systems.

Five Year Project

FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Total
550,000	550,000	550,000	550,000	650,000	2,850,000

Current Year Anticipated Budget Distribution:

Planning & Design	130,000	Prior Capital Funding	0
Acquisition/Relocation	0	General Capital Share Remaining	0
Site Improvements	0	Total Water Utility Fund Share	0
Construction	420,000	Total Wastewater Utility Fund Share	0
Inspection/Permits	0	Total Storm Water Utility Fund Share	2,850,000
Total	550,000	Project Total	2,850,000

Operating Budget Impact

FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Total
N	N	N	N	N	N

City of Norfolk, Virginia

Capital Improvement Program

FY2003 through FY2007

Title: Storm Water Quality Improvements

Policy Area:

Storm Water

General Plan:

Environmental Planning

Caring Community

Account Number:

CP 35 X02

Customers Served by CIP Project:

Residential and
Commercial Users

Object & Project Description:

The City's CIP objective for this project is to improve the City's storm water infrastructure system. The City is utilizing cutting-edge storm water practices in order to reduce storm water-related pollutants from entering Norfolk's waterways, rivers and the bay.

This project funds development and supports water-quality enhancement projects that will reduce pollutants spilling into our local waterways. This project also funds removal of debris from the drainage outfalls throughout the city. Outfalls tend to become obstructed with silt and debris and it becomes necessary to clear the obstructions in order to enhance the effectiveness of the drainage systems.

Five Year Project

FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Total
300,000	300,000	300,000	300,000	350,000	1,550,000

Current Year Anticipated Budget Distribution:

Planning & Design	20,000	Prior Capital Funding	0
Acquisition/Relocation	0	General Capital Share Remaining	0
Site Improvements	0	Total Water Utility Fund Share	0
Construction	280,000	Total Wastewater Utility Fund Share	0
Inspection/Permits	0	Total Storm Water Utility Fund Share	1,250,000
Total	300,000	Project Total	1,550,000

Operating Budget Impact

FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Total
N	N	N	N	N	N

City of Norfolk, Virginia

Capital Improvement Program

FY2003 through FY2007

Title: Storm Water Facility Improvements

Policy Area:

Storm Water

General Plan:

Environmental Planning

Caring Community

Account Number:

CP 35 X03

Customers Served by

CIP Project:

Residential and

Commercial Users

Object & Project Description:

The City's CIP Objective for this project is to improve the City's storm water infrastructure system.

The City has nine storm water pump stations that prevent flooding in underpasses throughout the City and one pump station that reduces flooding in the downtown business district. Most of the storm water pump stations are more than forty years old and in need of major rehabilitation and upgrades. Funds will be used to replace pumps, controls, electrical systems, valves and piping.

Five Year Project

FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Total
650,000	650,000	650,000	650,000	500,000	3,100,000

Current Year Anticipated Budget Distribution:

Planning & Design	50,000	Prior Capital Funding	0
Acquisition/Relocation	0	General Capital Share Remaining	0
Site Improvements	0	Total Water Utility Fund Share	0
Construction	600,000	Total Wastewater Utility Fund Share	0
Inspection/Permits	0	Total Storm Water Utility Fund Share	2,450,000
Total	650,000	Project Total	3,100,000

Operating Budget Impact

FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Total
N	N	N	N	N	N

City of Norfolk, Virginia

Capital Improvement Program

FY2003 through FY2007

Title: Bulkhead Master Project

Policy Area:

Storm Water

General Plan:

Environmental Planning

Caring Community

Account Number:

CP 35 X04

Customers Served by

CIP Project:

Residential and

Commercial Users

Object & Project Description:

The City's CIP objective for this project is to improve the City of Norfolk's storm water infrastructure systems.

This project will fund non-routine bulkhead inspections, maintenance, repair, rehabilitation and replacement of deteriorated bulkheads. It will allow those bulkheads in fair to moderate condition to be repaired in a timely fashion. It will also be used to fund, on a multi-year basis, bulkhead projects too large to be completed in a single fiscal year. Timely repair of existing bulkheads will extend their useful life and eliminate premature failure and replacement. New and repaired bulkheads enhance the appearance of the neighborhood and help maintain property values in the area. They also form an integral part of the City's effort to reestablish the connection between Norfolk's greatest assets, its waterfront and its community.

Five Year Project

FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Total
500,000	500,000	500,000	500,000	500,000	2,500,000

Current Year Anticipated Budget Distribution:

Planning & Design	50,000	Prior Capital Funding	0
Acquisition/Relocation	0	General Capital Share Remaining	0
Site Improvements	0	Total Water Utility Fund Share	0
Construction	450,000	Total Wastewater Utility Fund Share	0
Inspection/Permits	0	Total Storm Water Utility Fund Share	2,000,000
Total	500,000	Project Total	2,500,000

Operating Budget Impact

FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Total
N	N	N	N	N	N

City of Norfolk, Virginia

Capital Improvement Program

FY2003 through FY2007

Title: Broad Creek Renaissance-Storm Water

Policy Area:

Storm Water

General Plan:

Environmental Quality
Caring Community

Account Number:

TBD

Customers Served by CIP Project:

Residents and
Wholesale Users

Object & Project Description:

The City's objective for this project is to improve the public infrastructure system, preserve the environment and comply with federal and state mandates regarding the reduction of storm water related pollutants entering waterways, rivers and the bay.

Funding will develop and support enhancement activities that will help reduce pollutants and clean drainage outfalls that support the development of the Broad Creek neighborhood.

Future expenditures in this neighborhood will be determined upon completion of the analysis of improvements planned for the area.

Five Year Project

FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Total
TBD	0	0	0	0	TBD

Current Year Anticipated Budget Distribution:

Planning & Design	0	Prior Capital Funding	0
Acquisition/Relocation	0	General Capital Share Remaining	0
Site Improvements	0	Total Water Utility Fund Share	0
Construction	0	Total Wastewater Utility Fund Share	0
Inspection/Permits	0	Total Storm Water Utility Fund Share	0
Total	0	Project Total	0

Operating Budget Impact

FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Total
N	N	N	N	N	N

City of Norfolk, Virginia

Capital Improvement Program

FY2003 through FY2007

Title: South Brambleton Redevelopment Project –Storm Water

Policy Area:

Wastewater

General Plan:

Environmental Quality
Caring Community

Account Number:

TBD

Customers Served by CIP Project:

Residents and
Wholesale Users

Object & Project Description:

The City's CIP objective for this project is to improve the public infrastructure system, preserve the environment and comply with Federal and State mandates regarding the reduction of storm water related pollutants entering waterways, rivers and the bay.

Funding will develop and support enhancement activities that will help reduce pollutants and clean drainage outfalls that support the development of the South Brambleton neighborhood in preparation for the construction of the RISE Technology Center.

Future expenditures in this neighborhood will be determined upon completion of the storm water needs assessment.

Five Year Project

FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Total
TBD	0	0	0	0	TBD

Current Year Anticipated Budget Distribution:

Planning & Design	0	Prior Capital Funding	0
Acquisition/Relocation	0	General Capital Share Remaining	0
Site Improvements	0	Total Water Utility Fund Share	0
Construction	0	Total Wastewater Utility Fund Share	0
Inspection/Permits	0	Total Storm Water Utility Fund Share	0
Total	0	Project Total	0

Operating Budget Impact

FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Total
N	N	N	N	N	N

Project Location

